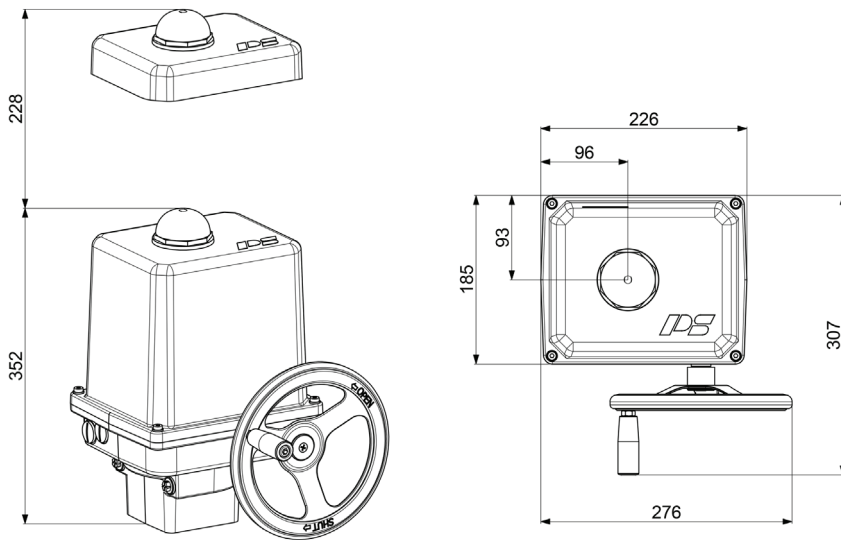


Electric Quarter Turn Actuator

PSQ203



300 Nm
Switching torque)¹

20 - 69 s
Operating Time/90°

Flange
F07 + F10
Modulating Actuator

Class C
acc. DIN EN ISO 22153

Enclosure IP67
acc. EN 60529

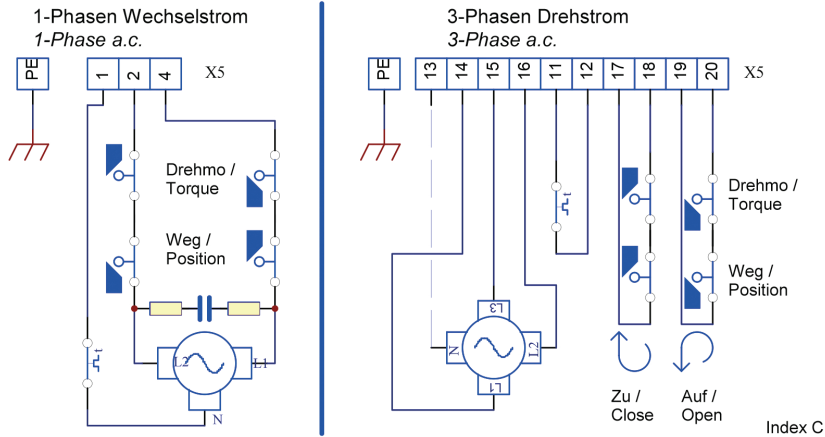
Approx. weight: 11.1 kg without accessories

Operating Time/90°	20 s [50 Hz] / 17 s [60 Hz]					PSQ203 300 Nm
Power Supply [V]	230 VAC 1~	115 VAC 1~	24 VAC 1~	400 V 3~	24 VDC	
Frequency [Hz]	50 / 60					
Normal Current [A]	0.5					
Maximum Current [A]	0.95					
Power Consumption) ² [W]	115					
Duty Cycle IEC 60034-1,8						
Ambient Temperature [°C]						
Low Temperature Version						
Overvoltage Category	II					
Motor Protection	Thermo Switch) ³					
Operating Time/90°	69 s [50 Hz] / 57 s [60 Hz]				60 s	PSQ203 300 Nm
Power Supply [V]	230 VAC 1~	115 VAC 1~	24 VAC 1~	400 V 3~	24 VDC	
Frequency [Hz]	50 / 60		50 / 60	50 / 60		
Normal Current [A]	0.27		2,7	0,12		
Maximum Current [A]	0.33		3,3	0.15		
Power Consumption) ² [W]	62		64	51		
Duty Cycle IEC 60034-1,8	S2 30 min / S4 50% ED @ 25°C					
Ambient Temperature [°C]	-20°C to +80°C (S2) / -20°C to +60°C (S4)					
Low Temperature Version	-40°C bis +60°C optional					
Overvoltage Category	II					
Motor Protection	Thermo Switch) ³				Multifuse	

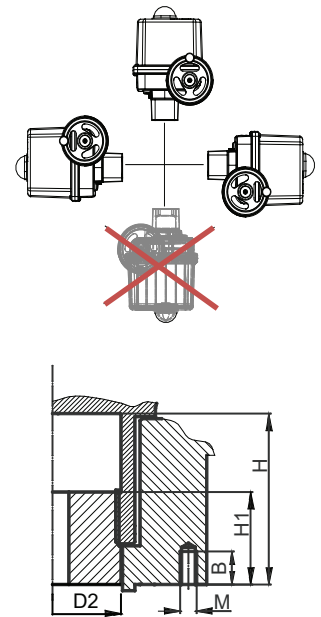
)¹ = Permissible average thrust over the entire travel is 90°
)³ = Thermo switch must be wired externally at 400 VAC 3~

)² = at switching torque and 50 Hz

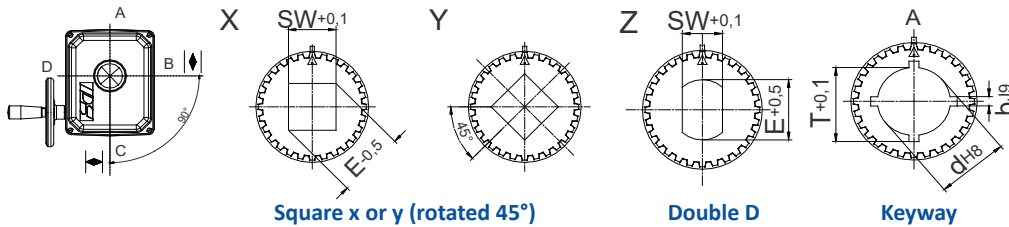
Electrical Connection Plan



Mounting Position



Available Drive Bushes



	F07	F10
D2	47	47
H	60	60
H1	35	35
M	M8	M10
B	16	20

Please check the drive bushes datasheet for the available sizes!
Other customized drive bushes on request!

Accessories / Options	Power Supply	230 VAC 1~	400 V 3~	24 VAC 1~	115 VAC 1~	24 VDC
	Add'l Position Switches	2WE	•	•	•	
	Add'l Position Switches Gold	2WE Gold	•	•	•	
	Additional torque switch	2DE	•	•	•	
	Add'l Torque Switches Gold	2DE Gold	•	•	•	
	Positioner	PSAP	•	•) ⁵	•) ⁴	
	Position Transmitter	PSPT	•	•	•	
	Heating Resistor	HR	•	•) ⁶	•	
	Potentiometer	PD	•	•	•	
	Reversing Starter Contactor	WSM01		•		
Corrosion Protection	K2	Corrosion Protection K2 incl. Heating Resistor				
Increased Enclosure	IP	IP68) ⁷ incl. heating and corrosion protection K2				

• • available, for further information see respective datasheet
⁴ = PSAP with external relay required (Version .../R)
⁵ = only to be used with reversing starter contactor
⁶ = supply voltage 24 V or 115-230 V possible
⁷ = IP68, no ingress of dust and suitable for continuous immersion in water up to 6 m and 96 h

For more information and accessories, please visit our website www.ps-automation.com!

Subject to changes!